



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/891,836	06/26/2001	Seong-Wook Sim	678-666 (P9562)	2669
28249	7590	06/16/2005	EXAMINER	
DILWORTH & BARRESE, LLP 333 EARLE OVINGTON BLVD. UNIONDALE, NY 11553			BUI, BING Q	
			ART UNIT	PAPER NUMBER
			2642	

DATE MAILED: 06/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/891,836

Applicant(s)

SIM ET AL.

Examiner

Bing Q. Bui

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Applicant's Amendment filed on 02/07/2005 has been entered. No claims have been amended. No claims have been cancelled. No claims have been added. Claims 1-13 are still pending in this application, wherein claims 1 and 6 being independent.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Yasuda et al (US Pat No. 5,062,132), herein after referred as Yasuda.

Regarding claim 1, referring to Figs 1 and 3, Yasuda teaches in a short-range mobile communication system for communicating through a selected radio link between a master (e.g., cordless handset 1A) and at least one slave (e.g., cordless handset 1B), a method for fast transmission of data stored in a memory of the master (e.g., cordless handset 1A) to the slave (e.g., cordless handset 1B) through the selected radio link (e.g., radio link via interface units 11A and 11B), comprising the steps of:

requesting transmission of data stored in the memory of the master (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30);

establishing a selected radio link between the master and the slave in response to the request for transmission of data (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30);

transmitting indexing information related to the kinds of data stored in the memory of the master through the selected radio link (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30);

transmitting data corresponding to the indexing information selected to the slave through the radio link (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30);

Regarding claim 2, Yasuda teaches the method for fast transmission of data as recited in claim 1, further comprising the step of sending a message requesting transmission of data to a control unit of the master, and transmitting data stored in the memory of the master to the slave through the selected radio link in response to the request message (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30).

Regarding claim 3, Yasuda teaches the method for fast transmission of data as recited in claim 1, wherein the indexing information includes the size, title, and numbering of data stored in the memory of the master (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30).

Regarding claim 4, Yasuda teaches the method for fast transmission of data as recited in claim 1, further comprising decoding data in the slave and outputting data that

is received through the selected radio link (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30).

Regarding claim 5, Yasuda teaches the method for fast transmission of data as recited in claim 1, wherein the selected radio link is one of infrared communication link being capable of high speed data transmission (see figs 1 and 3; and col. 1, ln 62-col. 2, ln 11; and col. 4, ln 8-col. 5, ln 30).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 6-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yasuda (US Pat No. 5,062,132), in view of Nakajima et al (US Pat No. 5,940,769), herein after referred as Nakajima.

As to claims 6-13, Yasuda teaches the invention substantially as claimed that previously cited in the rejection of claims 1-5 above, with the exception of providing the feature of decoding voice data or low speed data when the selected radio link is a low speed radio link for transmitting voice data or low speed data; and high speed data when the selected radio link is a high speed radio link for transmitting high speed data. However, Nakajima teaches the feature of decoding voice data or low speed data when the selected radio link is a low speed radio link for transmitting voice data or low speed data; and high speed data when the selected radio link is a high speed radio link for transmitting high speed data (see Fig 15 and col. 15, Ins 14-23). Therefore, integrating Nakajima's teachings into communication system of Yasuda would have been obvious for fast and accurately transmitting the data to an information seeker and enabling the information seeker to understand the received data.

Response to Arguments

6. Applicant's arguments with respect to claims 1-13 have been considered but are moot in view of the new ground(s) of rejection.

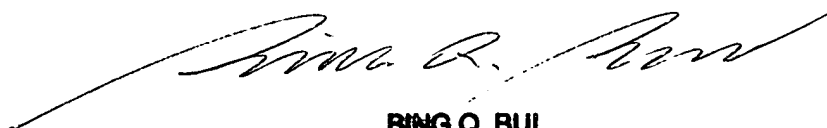
Art Unit: 2642

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (571) 272-7482. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 and for formal communications intended for entry (please label the response ☐EXPEDITED PROCEDURE☐) or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

06 June 2005



BING Q. BUI
PRIMARY EXAMINER